



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

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NOTICE OF ACCEPTANCE (NOA)

Henry Company LLC
999 N. Sepulveda Boulevard, Suite 800
El Segundo, CA 90245

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Henry CM100 Elastomeric Fluid Waterproofing/Roofing Membrane

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews and revises NOA 09-0812.18 consists of pages 1 through 5.
The submitted documentation was reviewed by Juan E. Collao, R.A.



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Expiration Date: 12/09/19
Approval Date: 12/11/14
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Material: Elastomeric
Maximum Design Pressure: N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Henry CM 100	5 gallon pails	ASTM C836	Fast curing, one component elastomeric, solvent free, moisture cure waterproofing membrane
Henry Polyester Fabric Reinforcement Sheet	12" x 600' roll 36" x 600' roll	Proprietary	Polyester spunbound reinforcement fabric.
Henry Filter Fabric GR08	4' x 300'	Proprietary	Lightweight, vapor permeable waterproofing membrane protection course.
Henry DB Prefabricated Drainage Composites	4' x 50' roll 4' x 104' roll	Proprietary	Polystyrene or PVC core combined with polypropylene fabric.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials Technologies	HGC-099-02-01	ASTM C 836	07/31/09



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APPROVED ASSEMBLIES

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	Min. 2500 psi, dual slab construction
System Type F(1):	Henry CM 100 Elastomeric Fluid Waterproofing/Roofing Membrane
Surface Condition:	Acceptable substrates are cast-in-place and precast concrete. Metal pan decks to which concrete is poured must be venting type. Lightweight concrete is not an acceptable substrate. Verify that surfaces and conditions are ready to accept the work of this section. Commencement of the work or any parts thereof shall mean acceptance of the substrate. Always consult Henry Company LLC's latest Technical Data Sheet and Specifications before commencement of a project.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove scaling or latent concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings. New concrete should be cured for a minimum of fourteen days and must be dry before waterproofing membranes are applied. Concrete in vented metal pan decks must be cured a minimum of sixty days. Concrete shall have a wood float finish. Steel float finishes are too smooth and compromise the adhesion of the waterproofing system. Decks with a steel float finish must be sandblasted or equivalent prior to the application of the waterproofing system.

Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.

If concrete precast panels are used, reinforce joints along length of units with a strip of 12" wide **Henry Polyester Fabric** set in an 18" wide, $\frac{1}{8}$ " thick coat of membrane. At joints occurring along the width of the precast units, reinforce with a minimum 12" wide crack treatment sheet embedded into an 18" wide, $\frac{1}{8}$ " thick coat of membrane.

Crack joint treatment: Seal cracks and joints $\frac{1}{16}$ " to $\frac{1}{8}$ " in width with 12" wide, $\frac{1}{8}$ " thick coat of membrane and a 6" wide strip of **Henry Polyester Fabric** reinforcement, centered over joint. Seal cracks and joints $\frac{1}{8}$ " to $\frac{1}{4}$ " in width with a 12" wide strip of **Henry Polyester Fabric**, $\frac{1}{8}$ " thick coat of membrane and a 6" wide strip of crack treatment or expansion joint membrane, centered over joint.

Expansion joints using or other prefabricated expansion joints shall be installed in accordance with manufacturer's published literature.

Application: **Henry CM100** can be applied in a High Build Reinforced Systems or a Single Coat Systems.

High Build Reinforced System:

High Build Fabric reinforced systems consist of two applications of **Henry CM100** reinforced with **Henry Polyester Fabric**.

Horizontal application: Apply base layer of **Henry CM100** at an application rate of 30 ft²/gallon (minimum thickness of 55 mils); embed **Henry Polyester Fabric** immediately overlapping a maximum of 1/4" ensuring full contact. After base layer is set, apply top layer coat of **Henry CM100** at an application rate of 15 ft²/gallon (minimum thickness of 110 mils).

Single Coat System:

Single coat systems consist of one application of **Henry CM100**.

Horizontal application: Apply **Henry CM100** at an application rate of 15 ft²/gallon (minimum thickness of 110 mils) on surface to be covered and spread to an even thickness using rubber squeegees or rollers.

Protection: Both horizontal and vertical areas should be adequately protected from puncture where there is any danger of damage to the membrane during construction or backfilling. The form of protection will vary with job. **Henry Filter Fabric GR08** should be used as protection or other approved protection such as **Henry DB Prefabricated Drainage Composites**. Contact Henry Company LLC's Technical Services if used under hot mix paving.

Integrity Test: Upon the completion of the primary waterproofing membrane, protection course and all associated terminations. Flood test shall be required, and shall be performed by an approved laboratory in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested. Remove temporary stops and plugs. If deficiencies are noted, no other work is to proceed without prior direction from the Design Professional.

Inspection: Contractor and a representative of the Henry Company LLC shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Surfacing: Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements

Maximum Design Pressure: N/A



GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Henry Company LLC and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing in Miami-Dade County and be a Factory Trained 'Qualified Applicator' approved and licensed by Henry Company LLC.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
8. Henry CM100 shall not be installed over lightweight insulating concrete.
9. Henry CM100 shall not be exposed to the weather and shall be protected by a protection sheet or other approved protection method from traffic.
10. Henry CM100 shall not be installed on wet or damp decks without consultation with Henry Company LLC.
11. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
12. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, manufacturer's location, and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



END OF THIS ACCEPTANCE



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